Cancer Letters, 38 (1988) 375–377
Elsevier Scientific Publishers Ireland Ltd.

CONTENTS
Volume 37

Publisher's Note v

Research Letters

Effects of vitamin E, vitamin B_2 and selenite on DNA single strand breaks induced by sodium chromate (VI)
M. Sugiyama, A. Ando, A. Furuno, N. Burr Furlong, T. Hidaka and R. Ogura (Kurume, Japan) 1–7

On the nature of the active component of haematoporphyrin derivative — Part 2
R.W. Boyle, W.F. Keir, A.H. MacLennan, G. Maguire and T.G. Truscott (Paisley, U.K.) 9–14

Association of persistent peroxisome proliferation and oxidative injury with hepatocarcinogenicity in female F-344 rats fed di(2-ethylhexyl)phthalate for 2 years
R.C. Cattley, J.G. Conway and J.A. Popp (NC, U.S.A.) 15–22

Antitumor activity via inhibition of glycosphingolipid biosynthesis
J.I. Inokuchi, I. Mason and N.S. Radin (MI, U.S.A.) 23–30

Inversion of enantioselectivity in glutathione conjugation of 9,10-dihydrobenzo[*a*]pyrene 7,8-oxide in hepatic cytosol of rats following induction of hepatic hyperplastic nodules by chemical carcinogens
A. Hiratsuka, K. Kawachima, T. Watabe, K. Satoh, I. Hatayama and K. Sato (Tokyo and Hirosaki, Japan) 31–39

DNA binding of 4,4′-methylene-bis(2-chloroaniline) (MOCA) in explant cultures of human and dog bladder
N. Shivapurkar, T.A. Lehman, H.A.J. Schut and G.D. Stoner (OH, U.S.A.) 41–48

Initiating potential of 2-(2-furyl)-3-(5-nitro-2-furyl)acrylamide (AF-2), butylated hydroxyanisole (BHA), butylated hydroxytoluene (BHT) and 3,3′,4′,5,7-pentahydroxyflavone (quercetin) in two-stage mouse skin carcinogenesis
H. Sato, M. Takahashi, F. Furukawa, Y. Miyakasa, R. Hasegawa, K. Toyoda and Y. Hayashi (Tokyo and Kanagawa, Japan) 49–56

Differential stereoselectivity in the metabolism of benzo[*a*]pyrene and anthracene by rabbit epidermal and hepatic microsomes
M. Hall and P.L. Grover (London, U.K.) 57–64

Absence of γ-glutamyltranspeptidase activity in lung metastasis in rats with hepatocellular carcinomas induced by ciprofibrate, a peroxisome proliferator
M. Milano, J.K. Reddy, J.D. Prasad and M. Sambasiva Rao (IL, U.S.A.) 65–71

Hydroxylamine effects on cryptogenic neoplasm development in C3H mice
F. Stenbäck, J.H. Weisburger and G.M. Williams (NY, U.S.A.) 73–85

Comparison of the mutagenic activity of various brands of food grade beef extracts
H.U. Aeschbacher, R.J. Turesky, U. Wolleb, H.P. Würzner and S.R. Tannenbaum (Lausanne, Switzerland) 87–93

Effects of calcium glucarate on the promotion of diethylnitrosamine-initiated altered hepatic foci in rats
O.A. Oredipe, R.F. Barth, M. Hanausek-Walaszek, I. Sautins, Z. Walaszek and T.E. Webb (OH, U.S.A.) 95–99

Photodynamic therapy of spontaneous animal tumors using the active component of hematoporphyrin derivative (DHE) as photosensitizing drug: clinical results
R. Cheli, F. Addis, C.M. Mortellaro, D. Fonda and R. Cubeddu (Milano, Italy) 101–105

Effect of nicotinamide on hepatic microsomal drug metabolising system in tumour-bearing rats and mice
J.P. Kamat, L.M. Narurkar and M.V. Narurkar (Bombay, India) 107–117
A CHO cell line resistant to deoxycholic acid
G. Caderni, E. Stuart, A.M. Anderson and W.R. Bruce (Toronto, Canada) 119–127
The relationship between membrane permeability to adriamycin and adriamycin cytotoxicity in CHO cells at elevated temperatures
D.A. Bates and W.J. Mackillop (Montreal, Canada) 129–135
A simple quantitative assay for studying the invasive potential of high and low human metastatic variants
M.J.C. Hendrix, E.A. Seftor, R.E.B. Seftor and I.J. Fidler (AZ and TX, U.S.A.) 137–147
Gastric carcinogenesis: a model for the identification of risk factors
P.M. Newberne, G. Charnley, K. Adams, M. Cantor, V. Suphakarn, D. Roth and T.F. Schrager (MA, U.S.A.) 149–163
Sapintoxin A. A fluorescent phorbol ester that is a potent activator of protein kinase C but is not a tumour promoter
G. Brooks, A. Tudor Evans, A. Aitken and F.J. Evans (London, U.K.) 165–170
Comparison of chrysene metabolism in ephithelial human bronchial and Syrian hamster lung cells
J. Jacob, G. Grimmer, G. Raab, M. Emura, M. Riebe and U. Mohr (Ahrensburg-Grosshansdorf and Hanover, F.R.G.) 171–180
Antiproliferative response of human leukemic cells. Modulation of cytosolic protein kinase C activity by phytohemagglutinin
C.A.K. Borrebaeck, J. Bristulf and B. Jergil (Lund, Sweden) 181–189
Lack of therapeutic activity of the lipoidal amine CP-46,665 in rodent tumors and human non-seminomatous germ cell tumors growing in nude mice
W.E. Berdel, M.R. Berger, H. Falk, A. Harstrick, S. Danhauser, H.D. Schick, H.J. Schmoll, D. Schmähl, W.R. Vogler and J. Rastetter (GA, U.S.A., Heidelberg, Hannover and Munich, F.R.G.) 191–197
Stimulation of DNA replication in rat esophagus and stomach by the trichothecene mycotoxin diacetoxyscirpenol
V.M. Craddock, R.J. Hill and A.R. Henderson (Carshalton, U.K.) 199–208
In vivo induction of tumor variants by phorbol 12-myristate 13-acetate
S. Kadhim, B.F. Burns and H.C. Birnboim (Ottawa, Canada) 209–214
Mechanism of uptake of sulfonated metallophthalocyanines by cultured mammalian cells
E. Ben-Hur, J.A. Siwecki, H.C. Newman, S.W. Crane and I. Rosenthal (Beer-Sheva, Bet-Dagan, Israel and NC, U.S.A.) 215–222
Presence of somatomedin receptors on primary human breast and colon carcinomas
M.N. Pollak, J.F. Perdue, R.G. Margolese, K. Baer and M. Richard (Montreal, Canada) 223–230
Persistence of carcinogenic effect in intact progeny of mice treated transplacentally with 7,12-dimethylbenz[a]anthacene
N. Napalkov, A. Loktionov, A. Likhachev, V. Anisimov, M. Zabezhinski and L. Tomatis (Leningrad, U.S.S.R. and Lyon, France) 231–241

Erratum 243
Announcements 245–246

Dietary restriction, cell proliferation and carcinogenesis: A preliminary study
E. Lok. E.A. Nera, P. Iverson, F. Scott, Y. So and D.B. Clayson (Ottawa, Canada) 249–255
Observations on the chemical structure and cytotoxic activity of marycin. A hematoporphyrin derivative
A. Pinelli, S. Trivulzio, D.D. Von Hoff, D. Monti and P. Manitio (TX, U.S.A. and Milan, Italy) 257–269

Occurance of volatile *N*-nitrosamines in dried chillies
A.R. Tricker, M. Siddiqi and R. Preussmann (Heidelberg, F.R.G. and Srinagar, India) 271–273

Assessment of L-ascorbic acid requirement for prolonged survival in ODS rats and their susceptibility to urinary bladder carcinogenesis by *N*butyl-*N*-(4-hydroxybutyl)nitrosamine
S. Mori, Y. Takeuchi, M. Toyama, S. Makino, T. Harauchi, Y. Kurata and S. Fukushima (Mizuho-ku, Kora-cho and Toyonaka, Japan) 275–282

Growth factors in cultured human glioma cells: differential effects of F.G.F., EGF and PDGF
M. Westphal, M. Brunken, E. Rhode and H.-D. Hermann (Hamburg, F.R.G.) 283–296

Differential effects of benzamidine derivatives on the expression of C-MYC and HLA-DR_α genes in a human B-lymphoid tumor cell line
C. Nastruzzi, G. Feriotto, R. Barbieri, R. Ferroni, M. Guarneri and R. Gambari (Ferrara, Italy) 297–305

Elevated DNA polymerase beta activity in A cis-diamminedichloro-platinum(II) resistant P388 murine leukemia cell line
A.J. Kraker and C.W. Moore (MI, U.S.A.) 307–314

Proliferative activity of rectal mucosa and soluble fecal bile acids in patients with normal colons and in patients with colonic polyps or cancer
J. Stadler, R. Sing Yeung, R. Furrer, N. Marcon, H.S. Himal and W.R. Bruce (Toronto, Canada) 315–320

DNA-synthesis and tumor growth inhibitions by AGGa, a bleomycin-amsacrine hybrid derivative
C. Bailly, N. Pommery and J.P. Henichart (Lille, France) 321–328

N-Nitroseophedrine and *N*-nitrosopseudoephedrine: their dissolution, absorption, blood clearance and elimination studies
M.K. Al-Hindawi, S.M. Alwan, S.K. Abdul-Rahman, M.A. Ismail and S. Al-Sarraj (Baghdad, Iraq) 329–337

Half-lives of tyrosinase isozymes from Harding-Passey mouse melanoma
J.H. Martinez, F. Solano, R. Penafiel and J.A. Lozano (Murcia, Spain) 339–346

Circulating epoxide hydrolase immunodeterminatns in rats bearing hyperplastic nodules induced by 2-acetylaminofluorene
R.B. Palakodety, M.J. Griffin and R.H. Broyles (OK, U.S.A.) 347–353

Erratum 355–365
Announcement 367

Subject Index – Volume 38 369–371
Author Index – Volume 38 373–374
Contents – Volume 38 375–377